

AN
ALMANACK

For the Year of our LORD,

1654

Shewing the daily places of the
Sun and Moon, their Conjunctions,
Aspects and Eclipses, their Rising,
Setting, and Southing, with
the true time of the
TIDES.

Calculated for the Meridian and Horizon
of the Honorable City of LONDON being
situated in 51 deg. 32 min. of North Latitude,
and 24 deg. 20 min. of Longitude.
But may without any sensible error serve
for the most part of ENGLAND.

Whereunto is added,

A new Alphabetical Catalogue of the chief
Fairs in England and Wales: being more exact,
and ready for use, then any other form
thereof set out by others.

With many other Rules, Tables, and Observa-
tions useful and profitable for most men.

By HENRY PHILLIPPES.

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Company of Stationers.

An Almanack for 13 years according to the English and Forrain Accounts.

Note that the Forrain Account is 10 dayes before ours, for their fixed Feasts; but their moveables are some years at the same time; and other years, before ours for many weeks as in the last Colum.

Anno Domini	Golden Numb.	Sund. Let.	Shrove Sunday.	Easter day.	Whit-Sunday.	diff. fers.
1653	I	B	Febr. 20	April 10	May 29	1
1654	II	A	Febru. 5	March 26	May 14	4
1655	III	G	Febru. 25	April 15	June 3	0
1656	IIII	F E	Febru. 17	April 6	May 25	0
1657	V	D	Febru. 8	March 29	May 17	1
1658	VI	C	Febru. 21	April 11	May 30	0
1659	VII	B	Febru. 13	April 3	May 22	0
1660	VIII	A G	March 4	April 22	June 10	5
1661	IX	F	Febru. 24	April 14	June 2	1
1662	X	E	Febru. 9	March 30	May 18	0
1663	XI	D	March 1	April 19	June 7	5
1664	XII	C B	Febru. 21	April 10	May 29	1
1665	XIII	A	Febru. 5	March 26	May 14	0

The Anatomy of Mans Body.

Shewing what part of the body the Moon hath most power over being in any Sign.

<i>Aries,</i>	or the Ram,	Head and face.
<i>Taurus,</i>	or the Bull,	Neck and throat.
<i>Gemini,</i>	or the Twins,	Arms and shoulders.
<i>Cancer,</i>	or the Crab,	Brest and ribbs.
<i>Leo,</i>	or the Lion,	Heart and back.
<i>Virgo,</i>	or the Virgin,	Belly and bowels.
<i>Libra,</i>	or the Ballance,	Reynes and Loynes.
<i>Scorpio,</i>	or the Scorpion,	Secret parts.
<i>Sagittarius,</i>	or the Archer,	The Thighs.
<i>Capricornus,</i>	or the Goat,	The Knees.
<i>Aquarius,</i>	or the Waterman,	The Legs.
<i>Pisces,</i>	or the fishes,	The feet.

**A Table of the Termes with their Returnes, &c.
for this ensuing Year 1654.**

Hillary Term begins Jan. 23. ends Feb. 13.

Returne	Dayes, or Essoyne Dayes.	Dayes of Exception	Returna Brevium.	Dayes of Appear.
Oftab. Hillar.	Jan. 20	Janu. 21	Janu. 23	Janu. 23
Quind. Hillar.	Jan. 27	Janu. 28	Janu. 30	Janu. 30
Craft. Purif.	Febru. 3	Febr. 4	Febr. 6	Febr. 6
Oftab. Purif.	Febru. 9	Febr. 10	Febr. 11	Febr. 13

Easter Term begins April 12. ends May 8.

Quind. Pasch.	April 10	April 10	April 11	April 12
Tres Pasch.	April 17	April 17	April 18	April 19
Menf. Pasch.	April 24	April 24	April 25	April 26
Quind. Pasch.	May 1	May 1	May 2	May 3
Craft. Afcen.	May 5	May 6	May 8	May 8

Trinity Term begins May 26. ends June 14.

Craft. Trin.	May 22	May 23	May 24	May 26
Oftab. Trin.	May 29	May 29	May 30	May 31
Quind. Trin.	June 5	June 5	June 6	June 7
Tres Trin.	June 12	June 12	June 13	June 14

Michael. Term begins Octob. 23. ends Novem. 27.

Tres Mich.	Oftob. 20	Oft. 21	Oft. 23	Oft. 23
Menf. Mich.	Oftob. 27	Oft. 28	Oft. 30	Oft. 30
Craft. Anim.	Novem. 3	Nov. 4	Nov. 6	Nov. 6
Craft. Mart.	13	Nov. 13	Nov. 14	Nov. 15
Oftab. Mart.	18	Nov. 20	Nov. 20	Nov. 21
Quind. Mart.	25	Nov. 25	Nov. 27	Nov. 28

To understand the use of this Table, know first, that the day of Return, or the day of Essoyne is for the Defendants in a personal Action, or the Tenant in a real Action to be Essoyned. 2. The day of Exception, is for the Plaintiffe or Defendant to lay an Exception, if no Essoyn be cast, that the Defendant shall not be essoyned. 3. Returna brevium is the day whereon the Sheriff must return the Writ. 4. The day of Appearance for parties and Jurors in the Court.

Note if a Capias, Exigent, Scire facias, Distringas be executed by the Sheriff after the day of Essoyn, or a commission set upon after the Essoyn day is past, it is not warrantable.

The Enchiridion openeth four dayes before Trinity Term, but is open eight dayes before any of the other Terms.

The Description and use of the following Almanack.

Each month hath two pages, and each page hath several columns.

Each of the first pages contains eight Columns.

The first column shews the days of the month.

The second shews the days of the week.

The third column contains, 1. the *Lords days*, and all other dayes of any note on which *Fairs* or *Feasts* are kept. 2. the beginning and end of *Terms*. 3. the beginning of the *Kings reigns* since the conquest. 4. Some late remarkable passages. And there being yet some spare room, which I was loth to fill with those common (though unknown) names of *Saints*, I have in stead thereof set down the time of the rising and setting of the *Sun* at *London*, and the length of the day.

The fourth column shews the place of the *Sun* every day at noon, viz. the signe, degree and minute of the *Suns* longitude. For as the sun hath a daily motion round about the earth; so once every yeer it moves round the heavens, running thorow the twelve signes of the *Zodiack*. These 12 signes are each of them divided into 30 equall parts, commonly called degrees, which comes to 360 degr. so that the sun moving about a degree here in every day, moves thorow all these parts in 365 dayes and 6 hours, which is the ordinary time of a yeer.

The fifth column shews the Declination of the sun, from the Equinoctial to the North or South Poles. This is caused by the byas posture of the *Zodiack* circle, and is the cause that the *Sun* in Winter is so low, and in Summer is so high, almost over our heads. These two Columns

lunas are of great use in Astronomie and Navigation.

The sixth column sheweth the place of the *Moon*: which may be of some use in Physick and Husbandry, and is the foundation of the following columns.

The seventh column sheweth the time of the *moons* coming to the *south*: by which you may thus know the time of the night.

Look in the *Almanack*, and finde what time the *moon* comes to the south any day; which, because it is cast up for her place at Noon, and the *moon* hath a very swift motion, viz. of an hour almost every day; therefore for so many hours as it is past noon, you must add about two minutes: so you shall have the true time of the *moons* southing for that instant. Then go to any Sundial, and look at what hour the shadow of the moon is, and add this to the former number; so you shall have the true time of the night. For example.

The 16 of *January* the *Moon* is south by the } h. m.
Almanack at } 6 11

Now suppose the time of the night to be }
 about 9 of the clock: for that you must } 0 18
 add 18 minures.

So the moons southing is ——— 6 29

And suppose the shadow to be at half an }
 hour past two, } — 2 30

These two added together, make — 8 59
 which is very neer nine of the clock, and the true time
 the of night.

If these numbers shall be above twelve, count onely the overplus.

The eighth column shewes the true time of high water at *London Bridge*, being more exactly observed and calculated then by any other. And by this table following you may likewise know the Tides in other places more exactly then any other way.

The Tide Table.

1	London. Timmouth. Harlepool. White- bay. Amsterdam. Rotterdam. Gascony.	b. m.
2	Barwick Bridlington bay. Burdeux. Flush- ing. Flamburrow. Fountnes. Ostend.	0 0
3	Baltamoor. Corkhaven. Kingsale. Calice. Scarborough. Severn. Bloy. 7 Isles.	0 45
4	Falmouth. Foy. Humber. New-castle. Garn- sey. Dartmouth. S. Mallows. Caldy.	1 30
5	Plymouth. Hull. Lyn. Lundy. Antwerp. Way- mouth. Holms of Bristow. Davids.	2 15
6	Bristow. Foulnes. Start-point. Lanion. Wa- terford.	3 0
7	Milford. Bridgwater. Exwater. Lands-end Cape-cleer. Abermoricke.	3 45
8	Portland. Peterport. Hartlew. Hague. Mag- nes-sound. Dublin. Lambay.	4 30
9	Pool. Hellen. Isle of Man. Carnes. Faire- Isles. Dunbar. Deipe.	5 15
10	Needles. Orford. Laysto. Caster. Lux. South and North forelands.	6 0
11	Yarmouth. Dover. Harwich. in the Frith. Bulloin. John de luce. Calice road.	6 45
12	Rye. Winchesley. Gorend. Calshon. Thames mouth. Rhodes.	7 30
13	Quinborough. Southampton. Portsmouth. Wight. Beachy. Spits. Dunker.	8 15
14	Rochester. Malden. Aberdeen. Redban. West of the Nouse. Black rail.	9 0
15	Gravesend. Downes. Rummey. Tener. Silly Blacknes. Ramkins. Senihead.	9 45
16	Dundee. S. Andrews. Lisbon. S. Lucas. Bel. Isle. Holy. Isle.	10 30
		11 15

The difference of the Tides in these places from London.

*This Table shewes the difference of the Tides in these pla-
ces, from the Tides at London Bridge. Therefore if you add
this difference of any place to the time of high Tide at London
any day (as it is set down in the Almanack) so you shall have
the true time of the Tide in any of these places. Note, if
your sum exceed twelve hours, to count only the overplus.*

In

In the second, or blank pages of the Almanack

You have first the day of the Month, Secondly, the time of the Moons rising and setting: which though it be troublesome to colculate, and therefore done by few or none, but Mr. *Vineent VVing*: yet I have not hitherto, neither shall henceforward think much of my paines, because I look upon it as a very necessary and pleasant observation. For by this means any night you shall know whether it will be light or dark, and how long, or what time of the night, and so accordingly forecast your business. And take notice therein, that the common rules for this purpose fail very much; they supposing the Moon sets or rises every night 48 minutes later then other, whereas sometimes there are three or four nights before the Moon alters her setting 48 m. as in harvest time, there is very much notice taken of it, when the full Moon riseth three or four nights together within less then an hour after Sun-set. And other times the Moon alters her rising above an hour in a day. The causes of these things I cannot now declare, but you shall see it plainly to be so, by comparing the Almanack with the rising or setting of the Moon.

Only herein take notice, that I have not set down both the rising and setting every day, as for the Sun; but only one of them, *viz.* either the rising or the setting. From the new Moon to the full it shewes the setting of the moon, for then the moon riseth in the day time, and little or no notice is taken thereof, and it sets in the evening, so as that it is light until the moon sets, and afterward all the rest of the night is dark.

Again, from the full moon to the new, I have set down the rising of the moon, because then the moon riseth in the evening, so that it is darke all the night till the moone riseth, and afterwards it is all light.

January hath xxxi. dayes.

New moon the 8 day, 3 of the clock, 48 min. after noon
First quarter 15 day 7 of the clock 20 min. after noon.

Sunrise		☉ set	☉ place	☉ decl	Moons place	☾ fourth	Tide L
h m		h m	deg m	deg m	S deg m	h m	h m
1	A	New years d.	21 40	21 46	Scor. 1 27	6m 18	7m 52
2	2	8	4 0	22 41	21 36	13 15	6 58 8 36
3	3	7 59	4 1	23 42	21 26	26 6	7 43 9 30
4	4	7 57	4 3	24 43	21 15	Sag. 7 38	30 10 33
5	5	7 56	4 4	25 44	21 4	19 12	9 20 11 43
6	6	Twelf day	26 46	20 53	Cap. 1 33	10 12	12 52
7	7	7 58	4 2	27 47	20 41	14 7	11 3 1 A 57
8	8	Lords day	28 48	20 28	26 58	11 55	2 55
9	2	7 56	4 10	29 49	20 16	Aqu. 10 2	12 44 3 40
10	3	Land behead	30 50	20 3	23 18	1 A 32	4 18
11	4	7 48	4 12	31 51	19 49	Pis. 6 46	2 18 4 49
12	5	7 46	4 14	32 53	19 35	20 23	3 35 14
13	6	Hillary	33 54	19 21	Aries 4 8	3 45	5 43
14	7	7 43	4 17	4 55	19 6	18 14	3 26m 14
15	A	Lords day	5 56	18 51	Taur. 2 35	19 6	52
16	2	7 41	4 19	6 57	18 36	16 8	6 11 7 42
17	3	7 40	4 20	7 58	18 20	Gem. 0 20	7 58 42
18	4	7 30	4 21	8 59	78 5	14 35	8 49 58
19	5	7 38	4 22	10 0	17 48	28 51	9 5 11 22
20	6	7 36	4 24	11 1	17 32	Can. 13 5	10 4 12 43
21	7	7 34	4 26	12 2	17 15	27 9	11 1 A 55
22	A	Lords day	13 3	16 58	Leo 11 0	11 54	2 54
23	2	Term fe	14 3	16 40	24 32	12 43	3 40
24	3	7 28	4 32	15 4	16 21	Virg. 7 46	1m 28 4 15
25	4	Conver. Paul	16 5	16 4	20 39	2 9	4 43
26	5	7 24	4 36	17 6	15 46	Libr. 3 12	2 50 5 9
27	9	7 22	4 38	18 7	15 27	15 28	3 30 5 33
28	7	Edm. 6. 15	46	19 7	15 9	27 31	4 9 5 58
29	A	Lords day	20 8	14 49	Scor. 9 24	4 50	6m 28
30	2	Ch. behead.	21 9	14 30	21 15	5 35	7 6
31	3	7 14	4 46	22 10	14 10	Sag. 3 56	22 7 55

January hath xxi dayes

Full moon 22 day, 4 of the clock, 5 min. after noon.
 Last quarrer the 30 day, 11 of the clock, 56 min. morning.

☾ rise
 h m

1 1 m 8

2 2 19

3 3 31

4 4 44

5 5 48

6 6 48

7 7 33

8 new ☾

9 5 11

10 6 34

11 7 56

12 9 19

13 10 37

14 12 2

15 mor 2

16 1 31

17 2 57

18 4 22

19 5 36

20 6 31

21 7 10

22 full ☾

23 5 46

24 7 6

25 8 20

26 9 34

27 10 47

28 11 57

29 1 8

30 1 m 8

31 2 24

The moons rising

moons setting.

The moons rising.

February hath xxviii. daies.

New moon the 7 day, 6 of the clock, 34 min. morning
 First quarter 14 day, 2 of the clock, 53. min. morning.

Suns rise		☉	☉	☉	☉	Moons place			☾ south		Tide L	
h m		h	m	deg.	m	deg.	m	S d m	h	m	h	m
1 4	Bridget	23	10	13	51	Sag.	15	17	mi	10	8	48
2 5	Purific. Mary	24	11	13	30		27	9	8	19	54	
3 6	7 10	4	50	25	11	13	9	Cap.	9	33	8	52
4 7	7 8	4	52	26	12	12	50		22	13	9	43
5 A	Lords day	27	13	12	29	Aqu.	5	13	10	35	1	A22
6 2	7 4	4	56	28	13	12	8		18	34	11	25
7 3	Shrove tuesd.	29	13	11	47	Pis.	2	11	12	12	3	11
8 4	Ashwednesd.	✕	14	11	26		16	6	12	58	3	52
9 5	6 58	5	2	14	11	4	Aries	0	12	1	A44	4
10 6	6 56	5	4	15	10	43		14	29	2	3	4
11 7	6 54	5	6	15	10	21		28	48	3	29	5
12 A	Lords day	4	15	9	59	Tau.	13	3	4	11	6	m 0
13 2	Term ends	5	16	9	37		27	13	5	6	6	41
14 3	Valentine	6	16	9	15	Ge.	11	0	6	4	7	34
15 4	first. w. of Lē	7	16	8	52		25	19	7	2	8	38
16 5	6 44	5	16	8	168	30	Can.	9	12	8	1	9
17 6	6 42	5	18	9	168	7		22	55	8	59	11
18 7	6 40	5	20	10	17	7	Leo	6	29	9	5	12
19 A	Lords day	11	17	7	22		19	53	10	40	1	A29
20 2	second in Lem	12	17	6	59	Virg.	3	4	11	25	2	21
21 3	6 34	5	26	13	17	6	36		16	0	12	9
22 4	6 32	5	28	14	17	6	12		28	40	12	5
23 5	6 30	5	30	15	17	5	49	Libr.	1	9	1	m 30
24 6	Marctias Ap	16	17	5	26		23	24	2	11	4	45
25 7	6 26	5	34	17	16	5	3	Scor.	5	28	2	53
26 A	Lords day	18	16	4	39		17	25	3	37	5	39
27 2	third in Lem	19	16	4	17		29	15	4	22	6	m 7
28 3	6 20	5	40	20	16	3	52	Sag.	11	6	5	97

February hath xxviii daies.

Full moon 21 day, 6 hour 32 min. morning.

Last quarter 28 day, 2 hour 21 min. afternoon.

D. rise.

h m

13m 33 Upon Tuesday the 7th of February, at 30 min.
 24 34 past 6 of the Clock in the morning, there will
 35 23 be an eclipse of the Sun: but this cannot be seen
 46 1 of us, because the Sun is not then risen upon our
 56 28 Horizon, and also the moon hath so much
 66 50 South Latitude, that it will be seen only in the
 7 1 set South parts of *Africa*, and the Isle *Madagascar*,
 86 57 and in that Southern Indian Ocean. It will ap-
 98 21 pear greatest in the longit. of 121 deg. and South
 109 47 latitude 40 deg.

11 11 16

12 12 45

13 m. 45

14 2 12

15 3 29 Upon Tuesday the one and twentieth of Fe-
 16 4 29 bruary there will be a small Eclipse of the moon,
 17 5 16 which wil partly be seen in our Horizon at Lon-
 18 5 39 don: for the beginning of it will be 9 min. past
 19 6 15 of the Clock in the morning; the midst at
 20 6 15 19 min. past 6 of the Clock. at which time the
 21 1 rise moon will be about setting in our Horizon, for
 22 7 18 the moon sets just at 6 h. 30 m. They that live
 23 8 32 in the West parts, and in *Ireland*, and in *Spain*,
 24 9 46 and the Western Islands, may see it somewhat
 25 10 58 longer. But all this eclipse will be seen in most
 26 12 12 parts of *America*. The quantity of this eclipse
 27 m. 12 will be but four digers, which is about a third
 28 1 21 part of the moons body.

March hath xxxi dayes.

New moon the 8 day, 6 hour, 28 minutes after noon.
First quarter the 15 day, 10 hour, 17 minutes morning.

	Suns rise	☉ set	☉ place	☉ decl	Moons place	☾ south	Tide L	
	h m	h m	deg m	deg m	S deg m	h m	h m	
14	David	Ed. 4	21 15 3	29	Sag. 23	2 6 m 0	7 m 30	
25	6 16	(1460	22 15 3	5	Cap. 5	7 6 51	8 26	
36	6 14	5 46	23 15 2	41	17 27	7 43	9 29	
47	6 12	5 48	24 14 2	18	Aqu. 0	6 8 33	10 37	
5	Lords day	5 14	1 54		13 7	9 22	11 46	
62	fourth in Eem	26 14	1 30		26 33	10 10	12 50	
73	6 6	5 54	27 13	1	Pis. 10	4 10 57	1 Ani	
84	6 4	5 56	28 13	0	24 39	11 44	2 44	
95	3 Lords behea.	29 12	0 19		Aries 9	9 12 31	3 28	
106	6 0	6 0	11 0	4	23 53	1 A 23	4 12	
117	5 58	6 2	11 0	28	Tau. 8	40 2 15	4 47	
12	A Lords day	28 10	0 52		23 55	3 10 5	21	
132	fifth in Lem	3 9	1 15		Gem 7	5 24 10	6 m 0	
143	5 52	6 8	4 9	1	22 9	5 9 6	43	
154	5 50	6 10	5 8	0	3 Can. 6	9 6 8	7 40	
165	5 48	6 12	6 7	5	10 50	7 6 8	40	
176	5 46	6 14	7 6	2	50 Leo 3	17 8 0	9 53	
187	5 44	6 16	8 5	3	16 58	8 48	11 0	
19	A Ld. d. Palm	9 43	36		29 57	9 34	12 3	
202	Henr. 5.	14 12	10 34	0	Vir. 12	4 10 15	12 n7	
213	5 38	6 22	11 24	23	24 50	10 58	1 A 52	
224	5 36	6 24	12 14	46	Libr. 7	18 11 37	2 36	
235	Maun. thursd	13 0	5 9		19 33	12 19	3 18	
246	Good friday	13 59	5 32		Scor. 1	42 1 m 13	5 55	
257	Ann. Mary	14 58	5 55		13 44	1 44	4 26	
26	A Easter day	15 57	6 18		25 39	2 30	4 57	
272	K. Char. 1625	16 56	6 41		Sag. 7	31 3 15	5 24	
283	5 24	6 36	17 54	7	03	19 23	4 55 55	
294	5 22	6 38	18 53	7	25	Cap. 1	18 4 55	6 m 32
305	5 20	6 40	19 52	7	48	13 22	5 46	7 16
316	5 18	6 42	20 05	8	10	25 39	6 35	8 9

March hath x x x i dayes.

Full Moon 22 day, 10 of the clock 12. min. at night.
 Last quarter 30. day, 1 of the clock 59 min. morning

rise
h m

The moons rising

moons setting.

moons rising.

1	2m	27
2	3	21
3	4	5
4	4	35
5	4	58
6	5	16
7	5	29
8	new D	
9	7A	27
10	9	1
11	10	34
12	12	6
13	mor. 6	
14	1	26
15	2	31
16	3	20
17	3	54
18	4	15
19	4	31
20	4	45
21	4	55
22	6	6
23	full D	
24	8	52
25	10	6
26	11	18
27	12	22
28	m 22	
29	1	20
30	2	6
31	3	43

April hath xxx days.

New moon 7 day, 3 of the clock, 53 min. morning.
First quarter 13 day, 6 of the clock 41 min. after noon

Suns rise.			☉ set		☉ pla.		☉ decl.		D place			D south		Tide L.	
h m			h m		deg. m		deg. m		s	d	m	h m		h m.	
17	5	16	6	44	21	49	8	32	Aqu.	8	14	7	24	9	m 5
2	A	Low Sunday	22	48	8	54				21	11	8	11	10	7
3	2	5	12	6	48	23	46	9	15	Piscis	4	35	8	57	11 10
4	3	5	10	6	50	24	45	9	37		18	27	9	44	12 16
5	4	5	8	6	52	25	43	9	58	Ari.	2	45	10	38	1 A 16
6	5	K. Joh.	11	99	26	42	10	20			17	21	11	20	2 16
7	6	5	4	6	56	27	40	10	41	Tau.	2	29	12	12	3 10
8	7	5	2	6	58	28	38	11	2		17	39	1	A	74 0
9	A	2 L.d. aft. E	29	37	11	23				st z. mag	2		8	4	42
10	2	4	59	7	1	35	11	43			17	39	3	9	5 20
11	3	4	57	7	3	33	12	3	Can.	2	13	4	11	6	m 0
12	4	Term begins	2	32	12	24					16	23	5	11	6 45
13	5	4	54	7	6	30	12	44	Leo	0	8	6	6	7	36
14	6	4	52	7	8	4	28	13	3		13	29	6	5	8 30
15	7	4	50	7	10	5	26	13	23		26	30	7	4	29 28
16	A	3 L.d. aft. E.	6	24	13	42			Vir.	9	13	8	24	10	25
17	2	4	46	7	14	7	22	14	1		21	44	9	6	11 21
18	3	4	44	7	16	8	20	14	20	Lib.	4	4	9	46	12 18
19	4	4	42	7	18	9	18	14	39		16	16	10	27	1 A 12
20	5	4	41	7	19	10	16	14	57		28	22	11	8	2 3
21	6	4	40	7	30	11	14	15	15	Scor.	10	22	11	5	1 2 59
22	7	Hen. 8.	15	09	12	12	15	33			22	20	12	35	3 32
23	A	4 L.d. aft. E.	13	10	15	51			Sag.	4	15	1	m 21	4	10
24	2	4	34	7	26	14	8	16	8		16	9	2	10	4 44
25	3	Mark Evang	17	6	16	25					28	4	3	15	16
26	4	4	30	7	30	16	4	16	42	Ca.	10	3	3	51	5 47
27	5	4	28	7	32	17	2	16	59		22	8	4	39	6 19
28	6	4	27	7	33	18	0	17	15	Aqu.	4	24	5	27	6 59
29	7	4	25	7	35	18	57	17	31		16	15	6	13	7 44
30	A	Rogation d.	19	55	17	47					29	47	6	18	8 34

April hath xxx. dayes.

Full moon 21 day, 1 of the clock, 46 min. afternoon
 Last quarter the 29 day, 4 hour 17 minuetts afternoon

	rise	
	h	m
1	3	m 8
2	3	27
3	3	43
4	3	57
5	4	10
6	4	22
7	new D	
8	9	42
9	11	13
10	12	28
11	m	28
12	1	23
13	2	0
14	2	29
15	2	46
16	3	2
17	3	12
18	3	24
19	3	34
20	3	46
21	full D	
22	9	11
23	10	18
24	11	21
25	12	11
26	12	48
27	m	48
28	1	13
29	1	34
30	1	54

moons rising.

The moons setting.

The moons rising.

May hath xxxi dayes.

New moon the 6 day, 11 of the clock 28 min. at noon.

First quarter the 13 day, 4. of the clock, 49. m. morning.

Sun's rise		☉ ses	☉ pla.	☉ decl.	Moons place			Tide L.	
h m		h m	degr. m	degr. m	s	d	m	h	m
12	Phil. & James	20	53	18	2	Pis.	13	4	7m 42 9m 28
23	4 24	2	36	21	50		26	49	8 28 10 30
34	Cross puld do.	22	48	18	32	Aries	11	29	14 11 35
45	Ascension d.	23	46	18	47		25	44	10 4 12 43
56	4 18	7	42	24	43	Tau.	11	0	10 58 1A 52
67	4 16	7	44	25	41		26	4	11 56 2 55
78	6 L.d. af. East	26	39	19	29	Gem.	11	9	1A 03 54
82	Term ends	27	36	19	42		26	30	2 3 4 40
93	4 12	7	48	28	34	Can.	11	9	3 4 5 18
104	4 11	7	49	29	31		25	43	4 5 5 55
115	4 10	8	50	29	20	Leo	9	37	4 57 6m 34
126	Strafford beh.	1	26	20	31		23	45	4 57 15
137	4 8	7	52	22	23	Virg.	6	56	29 8 4
148	Whit Sunday	3	21	20	54		18	45	7 10 8 48
152	4 6	7	54	18	21	Libr.	1	9	7 51 9 40
163	4 5	7	55	16	21		13	19	8 30 10 33
174	4 4	7	56	13	21		25	21	9 10 11 29
185	4 2	7	58	7	11	Scor.	7	20	9 52 12 26
196	Day 16 hours	8	8	21	45		19	14	10 36 1A 23
207	3 59	8	19	5	21	Sag.	1	8	11 22 2 18
218	Trin. Sunday	10	3	22	02		13	5	12 10 3 9
222	3 57	8	3	11	0		25	3	1 mor. 3 54
233	3 56	8	4	11	57	Capr.	7	4	1 50 4 30
244	3 55	8	5	12	54		19	9	2 39 5 2
255	Corpus Christi	13	52	22	33	Aqu.	1	20	3 25 5 30
266	Term begins	14	49	22	39		13	42	4 13 6 1
277	3 52	8	8	15	46		26	16	4 55 6 32
288	Lords day	16	43	22	52	Pisc.	9	7	5 39 7 10
292	3 51	8	9	17	41		22	19	6 21 7 53
303	3 51	8	9	18	38	Aries	5	54	7 7 8 44
314	3 50	8	10	19	35		19	58	7 54 9 44

May hath xxxi. daies.

Full moon 11. day, 5 hour 29 min. morning.

Last quarter 29 day, 3 hour 6 min. morning.

☾ Rise.
h m.

The ☾ rising

The moons setting.

The moons rising.

1	2	7
2	2	19
3	2	32
4	2	46
5	3	6
☾ new ☾		
7	10	10
8	11	15
9	12	3
10	mor.	3
11	0	34
12	0	54
13	1	7
14	1	21
15	1	32
16	1	44
17	1	55
18	2	9
19	2	24
20	2	46
☾ full ☾		
22	10	4
23	10	48
24	11	15
25	11	37
26	11	55
27	12	9
28	mor.	9
29	12	23
30	12	35
31	12	47

As the rising and setting of the ☾ is very uncertain, so is the different Appearance of the new ☾, which is sometimes not til the 3 or 4 day, and sometimes on the same day; especially if the Moon changerth betimes in the morning. Nay, it is possible, as Plinie reports of Lynceus, to see the old Moon rising in the morning, and the new Moon setting at night; as wil go nigh to happen on the 6 of May this year; at which time the Moon changerth about noon: the old Moon riseth before the Sun 49 min. and the new Moon sets a full hour after the Sun. The distance of the Moon from the Sun is about 7 degrees, so that the 134 part of the Moons visible diameter will be enlightened: which may very well be seen by those who have a good sight, if the air be any thing cleer.

June hath xxii. dayes.

New moon 4 day, 7 of the clock, 28 m. afternoon.

First quarter 11 day, 5 of the clock 3 m. afternoon.

	Suns rise h. m.	☉ set h. m.	☉ pla. dc. m.	☉ dec. deg. m.	Moons place d. m.	☾ finish h. m.	Tide L. h. m.
15	3 50	8 10	20 32	23 11	Tau. 4 26	3 43	10 54
26	Maidst. fight.	21 29	23 15		19 19	9 38	12 8
37	3 49	8 11	22 27	23 19	Gem. 4 27	10 38	1 A 26
4A	Lords day		23 24	23 22	19 41	11 42	2 39
52	3 48	8 12	24 21	23 24	Can. 4 51	12 47	3 44
63	3 48	8 12	25 18	23 26	19 44	1 A 49	4 30
74	3 48	8 12	26 15	23 28	Leo 4 14	2 44	5 5
85	3 47	8 13	27 12	23 30	18 18	3 36	5 38
96	The days are	28 9	23 31		Virg. 1 52	4 23	6 m 8
107	at a stand.	29 7	23 31		14 59	5 7	6 42
11A	Longest day	30 4	23 32		27 44	5 47	7 17
122	is 16 h. 26 m.	1 1	23 31		Lib. 10 66	27 8	8
133	3 47	8 13	1 58	23 31	22 14	7 7	8 45
144	Term ends.	2 55	23 30		Scorp. 4 13	7 49	9 38
155	3 48	8 12	3 52	23 28	16 7	8 32	10 35
166	3 48	8 12	4 49	23 26	28 49	18 11	11 40
177	3 48	8 12	5 46	23 24	Sag. 9 51	10 5	12 44
18A	Lords day	6 43	23 21		21 50	10 55	1 A 48
192	3 49	8 11	7 40	23 18	Capr. 3 51	11 45	2 44
203	3 49	8 11	8 38	23 15	16 21	12 34	3 22
214	Rich. 2. 1377.	9 35	23 11		28 18	1 m 22	4 11
225	X. M. Mart.	10 32	23 6		Aqu. 11 02	9 4	43
236	3 51	8 2	11 29	23 2	23 18	2 52	5 10
247	John Bapt.	12 26	22 56		Pisc. 6 43	37 5	38
25A	Lords day	13 23	22 51		19 24	18 6	m 5
262	3 53	8 7	14 20	22 45	Ari. 2 17	5 06	36
273	7. Sleepers	15 17	22 39		15 52	5 47	7 17
284	3 54	8 6	16 14	22 32	29 45	6 34	8
295	Peter Apost.	17 12	22 25		Tau. 14 07	26 9	7
306	3 56	8 4	18 9	22 17	28 32	28 10	22

June hath xxx. dayes.

Full Moon 19 day, 8. of the clock 17 min. afternoon.

Last quarter 27 day, 11 of the clock 4. min. 4 m. noon.

D rise.
h m.

1 1 m 3

2 1 23

3 1 31

4 1 39

5 9 A 49

6 10 29

7 10 57

8 11 10

9 11 23

10 11 35

11 11 45

12 11 55

13 12 9

14 mor. 9

15 0 25

16 0 45

17 1 1

18 1 47

19 full D

20 9 13

21 9 41

22 9 59

23 10 12

24 10 26

25 10 37

26 10 49

27 11 3

28 11 21

29 11 45

30 12 15

The Moons rising.

The Moons setting.

July hath xxxi. dayes.

New moon the 3 day, 3 of the clock, 43 min. after noon.
First quarter 11 day, 7 of the clock, 42. min. morning.

	Suns rise		☉ set	☉ pla.	☉ decl.	Moons place			D. south			Tide L.		
	h	m	h	m	deg. m	deg. m	S	d	m	h	m	h	m	L
1	7	56	8	4	19 59	22	10	Ge.	13	20	9	21	11	44
2	Lords day				20	3	22	01	28	16	10	26	1	A 11
3	2	3	59	8	121	0	21	53	Can.	13	1	11	28	2
4	3	Day 16. hour			21	57	21	44	27	56	12	28	3	2
5	4	4	1	7	59	22	54	21	34	Leo	12	24	1	A 24 11
6	5	Rich. 1.		11	89	23	51	21	25	26	29	2	12	4 46
7	6	Edw. 2.		13	07	24	48	21	15	Vir.	10	6	2	58 5 14
8	7	4	4	7	56	25	46	21	4	23	18	3	41	5 41
9	Lords day				26	43	20	53	Lib.	6	6	4	21	6 m 7
10	2	7	Brethren.		27	40	20	42	18	33	5	3	6	38
11	3	4	8	7	52	28	37	20	31	Scor.	0	44	5	44 7 14
12	4	4	10	7	50	29	35	20	19	12	42	6	28	8 2
13	5	4	11	7	49	32	20	7	24	33	7	12	8	50
14	6	4	12	7	48	15	29	19	54	Sag.	6	24	8	09 43
15	7	Swithin.		2	26	19	41	18	16	8	47	10	56	
16	Lords day				3	24	19	28	Cap.	0	14	9	38	12 8
17	2	4	17	7	43	4	21	19	14	12	22	10	28	1 A 14
18	3	4	18	7	42	5	18	19	01	24	41	11	18	2 14
19	4				6	15	18	47	Aqu.	7	11	12	16	3 06
20	5	Margaret.		7	13	18	32	19	54	12	5	23	47	
21	6	4	23	7	37	8	10	18	17	Pisc.	2	50	1m	36 4 21
22	7	Mary Magd.		9	8	18	2	15	57	2	19	4	49	
23	Lords day				10	5	17	47	29	16	3	3	5	17
24	2	4	27	7	33	11	3	17	31	Ari.	13	0	3	47 5 45
25	3	James Apol.		12	0	17	15	26	25	4	33	6m	14	
26	4	4	29	7	31	12	58	16	59	Tau.	10.	19	5	23 6 56
27	5	4	31	7	29	13	55	16	43	24	25	6	18	7 50
28	6	4	33	7	27	14	53	16	26	Gem.	8	40	7	15 8 54
29	7	4	34	7	26	15	50	16	9	23	28	15	10	13
30	Lords day				16	48	15	51	Can.	7	32	9	16	11 37
31	2	4	37	7	23	17	45	15	34	22	1	10	17	1 A 0

July hath xxxi. dayes.

Full Moon 19 day, 10 of the clock 12. min. morning.

Last quarter 26. day, 5 of the clock in the afternoon.

Rise
h m

1	12	15
2	1	19
3	2	21
4	new D	
5	9	A 7
6	9	24
7	9	36
8	9	47
9	9	58
10	10	11
11	10	26
12	10	45
13	11	8
14	11	41
15	12	27
16	m	27
17	1	24
18	1	33
19	full D	
20	8	A 17
21	8	30
22	8	41
23	8	56
24	9	7
25	9	21
26	9	44
27	10	15
28	10	57
29	11	58
30	1	16
31	1	16

The Moons setting.

The Moons rising.

B ;

August hath xxxi dayes.

New moon 1. day, 10 of the clock 29. min. morning.
First quarter 10 day, 22 min. after midnight.

Suns rise		☉ set	☉ place	☉ decl.	Moons place	☾ southerly	☾ L
h m		h m	deg. m	degr. m	d m h	m h	m
1	3	Lamas. Hē. 1	18 43	15 16	Leo 6 23	11 13	2 A 8
2	4	☉ Ecl. (1100	19 41	14 58	20 35	12 6	3 6
3	5	4 43 7 17	20 38	14 40	Virg. 4 28	12 53	3 48
4	6	4 45 7 15	21 36	14 21	18 3	1 A 38	3 31
5	7	4 46 7 14	22 24	14 2	Libr. 1 15	2 21	4 51
6	A	Lords day	23 31	13 44	14 53	2 5	5 17
7	2	4 50 9 10	24 29	13 29	26 35	3 44	5 42
8	3	4 52 7 8	25 27	13 4	Scor. 8 47	4 29	6 m 13
9	4	4 54 7 6	26 25	12 45	20 48	5 14	6 48
10	5	Laurence 4	27 23	12 25	Sag. 2 39	6 07	7 30
11	6	4 57 7 5	28 20	12 6	14 28	6 47	8 21
12	7	4 58 7 2	29 18	11 45	26 21	7 37	9 22
13	A	Lords day.	30 16	11 25	Cap. 8 21	8 28	10 31
14	2	D. 14 ho. long	1 14	11 4	20 29	9 18	11 41
15	3	Affum. Mary.	2 12	10 44	Aqu. 2 55	10 5	12 44
16	4	5 4 6 56	3 10	10 23	15 37	10 53	1 A 49
17	5	5 6 6 54	4 8	10 2	28 35	11 39	2 39
18	6	5 8 6 52	5 6	9 40	Pis. 12 0	12 23	3 30
19	7	5 10 6 50	6 4	9 19	25 23	1 m 64	0
20	A	Lords day.	7 2	8 58	Ari. 9 9	1 52	4 32
21	2	5 14 6 46	8 0	8 36	23 52	39	5 2
22	3	5 16 6 44	8 59	8 14	Tau. 7 8	31	5 33
23	4	5 18 6 42	9 57	7 52	21 14	4 24	6 m 8
24	5	Barthol. Ap.	10 55	7 30	Gem. 5 21	5 19	6 42
25	6	5 22 6 38	11 53	7 8	19 27	6 19	7 31
26	7	5 24 6 36	12 52	6 45	Can. 3 33	7 19	9 0
27	A	Lords day	13 50	6 23	17 37	8 16	10 14
28	2	Dog days end	14 48	6 01	Leo 1 37	9 17	11 39
29	3	John behead.	15 47	5 38	15 32	10 5	12 44
30	4	5 32 6 28	16 45	5 15	29 17	10 53	1 A 45
31	5	Hen. 6. 1422	17 43	4 52	Virg. 13 0	11 40	2 38

August hath xxxi dayes.

Full moon 17 day, 10 of the clock, 56 min. at night.

Last quarter 24 day, 10 of the clock, 21 min. at night.

New moon 31 day, 10 of the clock, 31 min. at night.

	h m	
	h	m
13	42	
24	43	
37	43	
47	55	
58	9	
68	20	
78	32	
88	48	
99	13	
109	41	
1110	27	
1211	17	
1312	20	
14m.	20	
151	32	
162	48	
174	5	
18D	rise	
197A	10	
207	23	
217	36	
227	58	
238	23	
249	7	
259	54	
2611	8	
2712	30	
28m.	30	
291	59	
303	23	
314	46	

On Wednesday the second of this Month, there will be a great Eclipse of the Sun, which will be seen in most part of Europe and Asia. It will appear to us at London almost as great as that late Eclipse in 1652. The beginning of this Eclipse will be with us at London at nine min. past eight of the clock in the morning, and the end at half an hour past ten. The digits eclipsed will be 10 deg. 40 min. and the light remaining will be in the south part of the Sun.

Many did much stumble by the last Eclipse, both as Astronomic, and Astrologic, in regard of some predictions. As for Astrologers, I leave them to answer for themselves. But the Astronomer was but little to be blamed; for the thing fell out according to the rules of art and calculation, only some predicted the time half an hour too soon. And the same error I fear, they will run into again, by following some later Tables, and not sticking to the well verified Observations of Tycho, which both then and now, I do follow: and doubt not but the truth thereof will be further manifested hereby.

Also the 17 of this month there will be a small Eclipse of the Moon, the beginning will be at 49 min. past 9 at night, the end at 49 min. past 11. The digits eclipsed will be scarce three.

September hath xxx. daies.

First quarter 8 day, 7 of the clock at night

Full moon 16 day, 10 of the clock, 24 min. morning.

	Suns rise.	☉ set	☉ pla.	☉ decl	☽ place	☽ faulsh	Tide L.
	h m	h m	deg. m	degr. m	s d m	h m	h m.
16	Giles	6 24	18 42	4 29	Vir. 26 11	12 22	3 A 20
27	5 38	6 22	19 41	4 6	Libr. 9 15	1 A 53	58
30	Lords day		20 39	3 43	22 11	49 4	29
42	5 42	6 18	21 38	3 20	Scor. 4 30	2 33	4 58
53	5 44	6 16	22 36	2 57	16 44	3 19	5 26
64	5 46	6 14	23 35	2 33	28 44	4 55	55
75	5 48	6 12	24 34	2 10	Sag. 11 04	52 6	m 30
86	Lady Fair		25 32	1 47	22 26	5 39	7 10
97	W. Ruf. 1087		26 31	1 23	Cap. 4 18	6 32	8 6
100	Lords day		27 30	1 0	16 14	7 21	9 1
112	5 56	6 4	28 29	0 36	28 24	8 9	10 5
123	5 58	6 2	29 27	0 13	Aqu. 11 08	56 11	9
134	Day 12 h. lon.		26 0	10	23 37	9 41	12 11
145	6 2	5 58	1 25	0 34	Pis. 6 46	10 26	1 A 11
156	6 4	5 56	2 24	0 57	20 17	11 12	2 7
167	6 6	5 54	3 23	1 21	Aries 4 12	11 58	3 0
178	Lords day		4 22	1 44	18 25	12 46	3 42
182	6 10	5 50	5 21	2 8	Tau. 2 15	1 m 35	4 20
193	6 12	5 48	6 20	2 31	17 21	2 30	4 57
204	6 14	5 46	7 20	2 55	Gem. 1 51	3 27	5 31
215	Matthew Ap		8 19	3 19	16 14	4 27	6 m 11
226	6 18	5 42	9 18	3 42	Can. 0 25	5 28	7 0
237	6 20	5 40	10 17	4 5	14 27	6 26	8 0
248	Lords day		11 16	4 28	28 16	7 21	9 0
252	6 24	5 36	12 16	4 52	Leo 12 08	14 10	12
263	6 26	5 34	13 15	5 15	25 23	9 21	11 18
274	6 28	5 32	14 15	5 38	Virg. 8 43	9 47	12 20
285	6 30	5 30	15 14	6 1	21 53	10 30	1 A 16
296	Michael Arc.		16 14	6 24	Libr. 4 51	11 13	2 9
307	6 34	5 26	17 13	6 47	17 38	11 54	3 0

September hath xxx. dayes.

Last quarter the 23 day, 4 of the clock, 29 min. morning.

New moon 29 day, 11 of the clock, 16 min. morning.

L.
m.

20
58
29
58
26
55
30
10
6
1
5
9
11
11
7
0
2
0
0
2
8
0
6
0
9

h m

1	6	A	21
2	6	34	
3	6	47	
4	7	3	
5	7	26	
6	7	50	
7	8	24	
8	9	12	
9	10	14	
10	11	27	
11	12	37	
12	m	37	
13	1	58	
14	3	18	
15	4	37	
16	full	D	
17	5	A	53
18	6	10	
19	6	36	
20	7	10	
21	8	2	
22	9	10	
23	10	13	
24	11	50	
25	01	16	
26	1	M	16
27	2	39	
28	3	58	
29	5	15	
30	6	32	

The moons setting.

The moons rising.

October hath xxxi. dayes.

First quarter 8. day, 2 of the clock 10. min. afternoon.

Full Moon 15 day, 9 of the clock, 17. min. at night.

Sun. rise.		☉	set	☉	plz.	☉	decl.	(place)	South	Tide	L.
h m			h m		d m		d m		d m		h m	h m	
1	A	Lords day		18	13	7	10	Scor.	0	13	12	38	3 A 34
2	2	6 38	5 22	19	13	7	33		12	36	1 A	23	4 11
3	3	6 40	5 20	20	13	7	56		24	47	2	10	4 44
4	4	6 42	5 18	21	12	8	18	Sag.	6	48	2	57	5 14
5	5	6 44	5 16	20	12	8	40		18	41	3	47	5 45
6	6	Faith	5 14	13	12	9	3	Cap.	0	31	4	36	6 17
7	7	6 48	5 12	24	12	9	25		12	21	5	24	6 58
8	A	Lords day		25	11	9	47		24	16	6	12	7 43
9	2	6 52	5 8	26	11	10	9	Aqu.	6	23	6	59	8 35
10	3	6 54	5 6	27	11	10	30		18	46	7	44	9 31
11	4	6 56	5 4	28	11	10	52	Pisc.	1	31	8	27	10 28
12	5	6 58	5 2	29	11	11	13		14	41	9	12	11 31
13	6	Edward	5 0	11	11	11	35		28	19	9	56	12 31
14	7	W. Cong.	1066	1 8	11	11	56	Ari.	12	0	10	43	1 A 33
15	A	Lords day		2 11	11	12	16		26	54	11	33	2 30
16	2	7 6	4 54	3 0	11	12	37	Tau.	12	0	12	27	3 35
17	3	7 8	4 52	4 11	12	58			26	39	1 m	25	4 13
18	4	Luke Evang.	5 11	13	13	18		Gem.	12	0	1	26	4 55
19	5	Hen. 3.	1216	6 11	13	38			26	21	3	28	5 31
20	6	7 13	4 47	7 12	13	58		Can.	11	0	4	30	6 13
21	7	XI M. Mart.	8 12	12	17				25	13	5	27	7 0
22	A	Lords day		9 12	14	37		Leo	8	53	6	20	7 52
23	2	Term begins	10 13	14	56				22	24	7	8	8 46
24	3	7 20	4 40	11 13	15	15		Virg.	5	39	7	13	9 42
25	4	Crispianus	12 13	15	33				18	40	8	36	10 41
26	5	7 25	4 35	13 14	15	52		Libr.	1	28	9	17	11 40
27	6	7 26	4 34	14 14	16	10			14	6	9	57	12 33
28	7	Simon. Jude.	15 15	16	28				26	37	10	39	1 A 28
29	A	Lords day.		16 15	16	45		Scor.	8	56	11	25	2 21
30	2	7 31	4 29	17 16	17	3			21	8	12	9	3 9
31	3	7 33	4 27	18 16	17	20		Sag.	3.	13	12	57	3 52

October hath xxii. dayes

Last quarter the 22 day, 44 minutes afternoon.

New moon 30 day, 3 of the clock, 46 min. afternoon.

C for h m		
1	5	18
2	5	37
3	6	1
4	6	32
5	7	17
6	8	12
7	9	16
8	10	26
9	11	42
10	12	58
11	1	mor.
12	2	17
13	3	36
14	5	0
15	full	D
16	4	43
17	5	14
18	6	0
19	7	5
20	8	24
21	9	45
22	11	12
23	12	33
24	mor	33
25	1	52
26	3	6
27	4	19
28	5	34
29	6	50
30	new	D
31	4	A 33

The Moons setting.

The Moons rising.

November hath xxx. dayes.

First quarter the 7 day, 8. of the clock, 31. m. morning.
Full moon the 14 day, 7 of the clock 33 min. morning.

Suns rise		☉ set	☉ pla.	☉ decl.	Moons place	☾ souph	Tide L.
h m		h m	degr. m	degr. m	S d m	h m	h m.
1	4	All Saints	19 17	17 37	Sag. 15 10	1 A 45	4 27
2	5	Om. Animar.	20 17	17 53	27 42	35 5	0
3	6	7 37	4 23	21 18	18 9	Cap. 8 54	3 25 5 30
4	7	7 39	4 21	22 19	18 25	20 44	4 12 6 0
5	8	Poud. treason	23 19	18 40	Aqu. 2 39	4 58	6 34
6	2	Leonard	24 20	18 55	14 44	5 42	7 13
7	3	7 43	4 17	25 21	19 10	27 56	25 7 58
8	4	7 45	4 15	26 22	19 25	Pis. 9 45	7 7 46
9	5	7 46	4 14	27 22	19 39	22 53	7 49 9 38
10	6	Edw. 1. 1272	28 23	19 52	Ari. 6 26	8 34	10 40
11	7	Martin. 4 11	29 24	20 6	20 29	9 20	11 43
12	8	Lords day	25 20	19	Tau. 5 3	10 11	12 51
13	2	7 51	4 9	26 20	31 19	58 11	7 2 A 2
14	3	7 52	4 8	27 20	44 Gem. 5 8	12 7	3 7
15	4	7 53	4 7	28 20	55 20	22 1m	11 4 1
16	5	7 55	4 5	29 21	7 Can. 5 28	2 15	4 57
17	6	Q. Eliz. 1558	5 30	21 18	20 19	3 15	5 24
18	7	7 56	4 4	6 31	21 28	Leo 4 46	4 12 6 Mo
19	8	Lords day	7 32	21 39	18 49	5 36	39
20	2	Day is 8. hou.	8 33	21 49	Vir. 2 27	5 50	7 20
21	3	8 1	3 59	9 34	21 58	15 41	6 33 8 7
22	4	8 2	3 58	10 35	22 7	38 34	7 15 8 54
23	5	Clement	11 36	22 15	Lib. 11 07	56 9	46
24	6	8 4	3 56	12 37	22 23	29 38	8 37 10 42
25	7	8 5	3 55	13 38	22 31	Scor. 5 52	9 19 11 43
26	8	Lords day	14 39	22 38	18 1	10 4	12 43
27	2	Termends	15 41	22 45	Sag. 0 2	10 50	1 A 42
28	3	8 8	3 52	16 42	22 51	12 0	11 38 2 36
29	4	8 9	3 51	17 43	22 57	23 55	12 27 3 25
30	5	Andrew Ap.	18 44	23 3	Cap. 5 47	1 A 16	4 7

November hath xxx. dayes.

Last quarter the 20 day, at midnight.

New moon 28 day, 10 of the clock 27 min at night.

D. ^{for}		
h	m	
1	5	A 14
2	6	6
3	7	9
4	8	15
5	9	27
6	10	44
7	11	57
8	mor	12
9	im	12
10	2	30
11	4	53
12	5	19
13	6	52
14	full	D
15	4	40
16	5	56
17	7	21
18	8	48
19	10	15
20	11	35
21	12	52
22	mor	5 2
23	2	6
24	3	21
25	4	36
26	5	47
27	6	58
28	new	D
29	3	A 54
30	4	52

The moons setting

The moons rising

Secs

December hath xxxi. dayes.

First quarter the 7 day, 9 hour, 25 m. early in the morn
Full moon the 13 day, of the clock 54 min. at night.

Suns rise		set		pla.		decl		Moons place		fouth		Tide		
h m		h m		deg m		deg. m		d m		h m		h m		
1	6	8	10	3	50	19	45	23	8	Cap.	17	40	2	A 40
2	7	K. Steph.		11	54	20	47	23	12		29	39	3	50
3	A	Lords d. Adv.		21	48	23	16	23	16	Aqu.	12	03	3	33
4	2	8	11	3	49	22	49	23	20		23	44	4	16
5	3	8	11	3	49	23	51	23	23	Pisc.	6	64	5	6
6	4	Nicholas		24	52	23	26		18	45	5	37	7	9
7	5	8	12	3	48	25	53	23	28	Aries	1	46	6	18
8	6	Concep. Mar.		26	54	23	29		15	11	7	3	8	40
9	7	8	13	3	47	27	55	23	30		29	67	49	9
10	A	Lords day		28	56	23	31	Tau.	13	08	42	10	49	10
11	2	Shortest day		29	57	23	32		28	15	9	41	12	11
12	3	is 7. h. 34 mi.		30	59	23	31	Gem.	13	0	10	40	1	12
13	4	The days be-		31	0	23	30		28	34	11	44	2	43
14	5	gin to length.		32	1	23	29	Can.	14	7	12	51	3	46
15	6	8	12	3	48	4	3	23	28		28	48	1	48
16	7	8	12	3	48	5	4	23	26	Leo	14	0	2	42
17	A	Lords day		6	5	23	23		27	46	3	33	3	35
18	2	8	11	3	49	7	7	23	20	Virg.	12	04	18	4
19	3	8	11	3	49	8	8	23	16		24	59	3	38
20	4	8	10	3	50	9	9	23	12	Libr.	7	57	5	44
21	5	Thomas Ap.		10	11	23	8		20	35	6	25	7	48
22	6	8	9	3	51	11	12	23	3	Scor.	2	55	7	43
23	7	8	8	3	52	12	13	22	58		15	57	51	40
24	A	Lords day		13	15	22	52		27	97	36	10	41	2
25	2	Christs Birth		14	16	22	45	Sag.	8	58	9	23	11	46
26	3	Steph. ston'd		15	17	22	39		20	50	10	12	12	52
27	4	John Evang.		16	18	22	32	Cap.	2	44	11	0	1	54
28	5	Janoc. slain.		17	20	22	24		14	40	11	51	2	50
29	6	8	4	3	56	18	21	22	16		26	37	12	36
30	7	8	4	3	56	19	22	22	7	Aqu.	8	38	1	41
31	A	Lords day		20	33	21	58		20	48	2	34	2	39

December hath xxi. dayes.

Last quarter 20. day, 2 of the clock 29. min. afternoon.
New moon the 28 day, 6 of the clock, 12 min. at night.

D		sec	The Moons setting.
h	m		
1	5	A 57	The Moons setting.
2	7	8	
3	8	21	
4	9	34	
5	10	45	
6	12	1	
7	m.	1	
8	1	17	
9	2	39	
10	4	3	
11	5	37	
12	7	0	
13	full D		
14	4	A 40	The Moons rising.
15	6	6	
16	7	37	
17	9	3	
18	10	23	
19	11	40	
20	12	55	
21	m	55	
22	2	A 7	
23	3	25	
24	4	34	
25	5	41	
26	6	41	
27	7	31	
28	new C		
29	4	A 43	
30	5	56	
31	7	7	

Courteous Reader, the last year I began a discourse of Astronomy which I intended to prosecute ; but I find the Subject too copious to be confined in these narrow limits : and therefore must reserve it for a fitter opportunity. Withall I considered, though those things might be pleasing to some ; yet these are more plain, and profitable for most men.

As for tables of Interest both simple and compound, whereby the true value of any purchase may be known, I have omitted them in this, because you may find them in my last years Almanack, but if you will have full Instruction of these things ; you shall find them in my Book lately set forth, called, *The Purchasers Pattern*, wherein these things are fully and plainly handled.

Also I desire you to take notice that though I have taken all the care I can, and made the following Table of the Fairs, more exact and useful then any hitherto ; yet I suppose there may be some mistakes, and many omissions therein.

Therefore if any Gentleman, Mathematician, or Tradesman, shall find any failings considerable, I shall desire him to give me notice thereof in writing between this and Midsummer next at the farthest, directing his Letter to be left for me, at *Mr George Sawbridg* his house at the Bible on Ludgate hill. And I shall desire him to send his Letter, not by the Carriers, but by the Post. For so paying the Post two pence, or three pence at most (which I hope no man will grudge toward the perfecting of so necessary a Table) and writing *Post paid*, upon the Letters ; they will come to me safely, and with lesse cost, and I shall be carefull to amend any fault ; and for their cost and pains shall always account my self,

Their much indebted Friend,

HENRY PHILLIPS.

Alphabetical Catalogue of all the Places in England and Wales, where any Fairs are kept.

The Use of this Table is thus. If you would know when any Fair is to be kept at any place, consider what is the first letter of the name of the place, and turn to the names beginning with that letter, and amongst them you shall find the names of the places you seek for, and with it there is set down the day of the month when any Fair is kept there. Now if any place shew us but one fair in a year, as some towns, shires or more, which are all set together, so that you may know how many Fairs are kept at any place all the year long, and the time of the year when.

A		June 6.	Barney Aug. 6.
Bergh. 25	S. Shins June 24. Cor-	Barkhamstead, June	
Aberconway Aug.	pus Christi Thurs.	29. July 25	
Sept. 20. O.R. 28	Appleby whid. mund.	Barkway July 30.	
Barnow O.R. 13.	Arundel May 3. Dec 6.	Barnards Castle July	
Trinity wednesday.	Althurn peak May 3	28.	
Bergelly on. A.R.	May 10. June 24 Sep.	Barnet June 22. O.R. 18	
on Eve.	29. O.R. 9. Nov. 28.	Barkeley Sept. 14.	
Bergavenny May 3.	Alth. de lazouch.	Basingstoke Sept. 29	
Sept. 14. Trin. tuesd.	Aug. 24. O.R. 18. E.	Bath Feb 3 May 7.	
Berguilly Sept. 25	for susan. Whitson	Aug. 1	
Berkennen Nov. 12	masday	Battle field by Shrews-	
Berlew Aug. 9	Althord, May 6. July	bury July 22	
Bermales O.R. 31	27. Aug. 28.	Beaith June 16. July	
Berwingsgreen No. 10	Althwel, May 25. June	17. Nov. 24	
Birington, A.R. wednes-	29. July 25. O.R. 18.	Beckenfield, Febr. 1.	
day July 25.	Althton under Line in	Bedford, June 24. Aug.	
Borough Aug. 24	ly 2	1. Sept. 21. Nov. 28.	
Boston Burnel June	Bickerstone, Sept. 8.	First tuesd. in Lent.	
B. Albans Mar. 25.	Bisforton July 30.	Bedford in Yorkshire,	
June 23. Aug. 15	Bukinburrow, Jan. 24	March 4. Nov. 20.	
Sept. 29.	B	Bedle June 24	
Blithington July 7	Bala May 3. May 13.	Beggars bush, Aug. 24	
Blithchurch, Aug. 10	June 29.	Belton monday after	
Blithgumc July 25.	Baldeck, Feb. 24. In-	Corpus Christi Thurs.	
Blithbury Mar. 20	ly 25. Sep. 21. Nov. 30	Bennington, June 29	
June 2. Palm. June. Eve	Barnstock Sept. 29	Bettingham Nov. 11	
Blithbury, May 6.	Banbury Aug. 1 O.R. 18	Betley July 30	
Blithme Mar. 12.	Thursd. after twelve	Beverley May 7 June	
Blithstone Whitson	day, First thurs. in	25 O.R. 25. Easter	
masday	Lent. Holy thursd.	Wednesday, all Rog. &	
Amptil Apr. 22. No.	Corpus Christi Thurs	was work	
30. Good Friday	day, First thursday	Bewdley April 23. 14-	
Andover May 1. No.	after Mich.	ly 26. Nov. 30	
	Bangor, Dec 14. O.R. 28	Bewdley Sept. 8	
		Dec. 8.	

Des. 8 Holy thurs.	Brecknock June 24	Calm April 25 July 25
Diballance June 29	ang. 29 Novemb 6	Cambr. July 24 Aug 19
Bickleworth Febr 2	Bremicham Cor Chris	Cambrden July 23
Jul. 22. O ^r 23. Nov 1	Bremwel brakes Mar	Candain Ashwednes
Emm munday Whit	3 June 11	Ganessbury Jul 7
sun-munday	Brewton apr 23 good fr	27 Sept 21 Dec 29
Bidderden O ^r 28	Brewood Sept 8	Whitfun, Tuesday
Bellericay July 22	Brickhill May 1 O ^r 18	Cardiff Jun 29 Sep 9
Billingworth Apr 9	Bridgnorth June 19	Cardigan March 27
Palme-munday	July 22 O ^r 18 Holy	Aug 15 Sept 9 Dec 1
Bilston Apr 12 July 25	ly churday	Cargudilly Aug 1
Bishops Castle June 24	Brighstock ap 23 au 24	Caerlle Aug 15
Nov 2 good friday	Brivaley, Febr 3	Carlin Nov 23 wed
Bishops Hatfield Apr	Brishow, Jan 6 Jan 25	nessday before Easter
23 O ^r Febr 18	July 25	Carmarthin aug 1 and
Bishops Stafford Sept	Bromly in Kent Jul 25	29 Sept 28 Nov 2
29 O ^r 8 Holy thurs-	Bromly in Lancashire	Carnarvon May 5 July
day Corp. Chri. thurs.	Feb 1 June 29	24 Nov 24
Bicester July 25	Bromely pagers au 24	Cartwaiden, Mar 27
Blackburn May 1 May	Bromesgrove June 24	Carwid, Corp. Chri
25 Sept. 2 Sept 29	July 25	Carwis aug 29
Blackmoor Aug. 10	Bromeyard Whit. mun.	Cased Decem 6
Blechingley Nov. 2	Broughton July 22	Caster O ^r 1
Blish O ^r Febr 9	Brunningham, Sept 29	Castle Combes, apr 2
Bodnam March 12	Holy thursday	Castle Ebichin Jun 1
Bodwin man. 12 aug 10	Buckingham Apr 25	Castle-main Jul 7
Bookham Sept. 29	June 29	ember 1
Boulton Jun 29 aug 15	Buckland Sept 29	Catesby July 20
Boylon in furnace	Bugworth Febr 2	Chappel-frith July 7
O ^r 12	Bulwick Sept 21	& 27 holy thursday
Boulton in the moors	Buntingford June 29	Chappel-lago July 1
July 20 O ^r 3	July 25	Chappel King, H. 1
Bolton July 25 No 30	Burnham west-cote	Chappel filvy Sept
Bosworth June 24	July 21	Charing apr 23 O ^r
Bourn Feb 24 Apr 25	Burnwood July 7	good friday
Boughton green Jun 24	Burkington munday at	Charlton O ^r 11
Bow Whitfun thursday	ter Holy thursday	Chattom sept 8
Bowin mount, Mar. 13	Burton upon Trent,	Chaulton, Sept 2
Bowlin July 20	Mar 25 June 27 July	Chelmsford, May
Boxgrove Febr 3	5 O ^r 18 Holy thurs	O ^r 31
Bradford Novemb 30	Whitfun munday.	Chepstow aug 1
Whitfun munday	Burwel Sept 29	next Corpus Chri
Brail Easter tues day	Bury in Lancashire	Chester Jun 24 Sept
Brainford aug 10	april 22 Sept 8	chesterfield sept
Brainery Sept 28	Bury Good friday	Cheston July 21
Brainyard May 3	C	Cherley May 3
Brasted Holy thursday	Cakefield Whit. thur-	first munda in Lan
		Chichester

[illegible]

D 2

Gains-

G.	Harestone June 24	Higham ferris, Feb
Gainsborough , Oct.	Hareford May 1	24. June 17. Sept
9. East. munday	June 24. Sept. 8.	25. Nov. 25
Gargreen , Nov. 30	Oct. 28. Nov. 6	Hinckly , aug. 15
S. Giles Sept. 1	satuid. before fift	three munday
Gisburrow , Aug. 15	lund. in lent	next Twelofday
Sept. 8.	Harwood , aug. 24	Hiningham apr. 23
Gliburn , Sept. 8	Hayfield broadoke ,	May 3. Good frid.
Glocester , June 24.	July 25	Hitchin apr. 2. Oct.
Goodburst , Aug. 15	Havesbury May 7	13. East. tuesd.
Gongrange , June 29	Havens Oct. 6	Hodsdon June 29.
Granham , Dec. 6.	Haverford-west , Ju	Hodnet Octob. 23
the 5. mund. Lent	ly 7	Holden sept 21
Gravesend , Jan. 25	Haverhill May 1	Holsworth jun 29
Oct. 13.	mund. after 3. of	Holt Jun. 11. Oct. 18
Graysburrock , may	July	Horncastle , aug. 10
12. Jun 29. Oct. 9	Haverson July 3	Hornby Dec. 21.
Grighwel , May 1	Hawkburst Aug. 10	Herndon June 29
Grimby , aug. 24	Hay aug. 1 sept. 29	Hornsey Dec. 6
Grimsted , July 15	Headingham , Dec. 6	Horsbam , June 24.
Nov. 30	Headly sept. 29	July 27. Nov. 19.
Gilford , April 23	Health , Nov. 20	Horsnay aug. 1.
Nov. 13. Good fr.	Hemsted , Corp. Chr.	Hounslow Trin. m.
H	Helmstly sept. 21	Hoy may 6.
Hadstock June 17.	Helsome Dec. 8	Hudersfield , May
Hallaton Oct. 28.	the 5. mund. lent.	June 29.
holy thursd. Corp.	Henly in Arden,	Hull Sept. 29
Christi	Oct. 18.	Hungerford aug. 14
Haligh , Corp. Chri.	Henly upon Thame.	Huntington , Mar
Hallifax June 24.	Feb. 24	25. July 2. aug. 2
Hanslop , May 7.	Hereford Oct. 8	Sept. 8
Harbin april 23	Oct. 21.	Hurst June 24
Harburrow , Oct. 9.	Hescorn , June 28	I
Harleigh , aug. 10.	Hethin Decemb. 6	James by Lond.
Nov. 30	Hessbury , Sept. 14	ly 25
Harlow , Nov. 17	Hickersford , Jan. 5	James by Norwic
Harstgroom , whic-	Hilde Nov. 17.	son July 25
munday	Hidome sept. 14	Isch

Wotton, July 20	Thames, July 22	Llanerchen, mar. 24
Wyerstone, Nov 20	Nov. 2 Whitsun	Llangadog march 2
Whitf. thursday	thursday	Llangerranog may
Wings apr. 25.	Kingston in War-	16.
Wones, Mar. 25	wick, June 24. Ju-	Llangavellab mar. 1
Wobich, apr. 23. Ju-	ly 25. sept. 21.	Llangwilym Jan. 7
Wobich, apr. 23. Ju-	Kingwilgal Jun. 11.	Llangoveith Oct. 12
Wobich, apr. 23. Ju-	august 10	Llanibithner jul 20
Wobich, apr. 23. Ju-	Kirby Stepp. whit. m	Lanibithner, Jan 3
Wobich, apr. 23. Ju-	Kirham June 24.	Jun 11. Jul. 6. Oct
Wobich, apr. 23. Ju-	Kirham-Isle Jul. 25	8. 21. Nov. 10
Wobich, apr. 23. Ju-	Knighston May 6.	Llanidlas Jul. 6. sep.
Wobich, apr. 23. Ju-	sept. 21	17. and 29
Wobich, apr. 23. Ju-	Knutsford the high	Llanishenery, Nov.
Wobich, apr. 23. Ju-	er, Whitf. twelf.	15. Whitf. twelf.
Wobich, apr. 23. Ju-	Knutsford the low-	Llanimer chepith.
Wobich, apr. 23. Ju-	er, Jun. 29. oct. 23.	Corp. Christ. day.
Wobich, apr. 23. Ju-	L. 30. m. 11.	Llanvelly sept. 20
Wobich, apr. 23. Ju-	Llanergan, Jun 29	Llanvibangel sep 29
Wobich, apr. 23. Ju-	Llandebei, June 29	Llanvilling, Jun 17
Wobich, apr. 23. Ju-	whitsun, wednesd.	July 17. sept. 24
Wobich, apr. 23. Ju-	Lancaster July 24.	wednesd. bef. Haff
Wobich, apr. 23. Ju-	sept. 29	Llanwist June 11
Wobich, apr. 23. Ju-	Llandergiva Jul. 25	Corp. Christ. day.
Wobich, apr. 23. Ju-	Llandaff, Feb. 9	Llanvissent may 1
Wobich, apr. 23. Ju-	Llandarier palm m	aug. 1
Wobich, apr. 23. Ju-	Llandeby Whitsun.	Llanenham, sept. 29
Wobich, apr. 23. Ju-	wednesd.	Llanest, Nov. 29
Wobich, apr. 23. Ju-	Llandillanador June	Llanrin, aug. 1.
Wobich, apr. 23. Ju-	11.	Leck apr. 3. Jul. 17.
Wobich, apr. 23. Ju-	Llandillavawr dec.	nov. 2. Whitsun
Wobich, apr. 23. Ju-	22.	wednesd.
Wobich, apr. 23. Ju-	Llandissel Jan. 31	Leicoster may 1.
Wobich, apr. 23. Ju-	sept. 8. thursd. be-	Jun 24. Sept. 29.
Wobich, apr. 23. Ju-	fore Palm Sund.	Dec. 8 Palm. Eve.
Wobich, apr. 23. Ju-	Llandogain Jun 27	Leichfield, may 1
Wobich, apr. 23. Ju-	Llaned, Octob. 28.	friday aft. twelfd.
Wobich, apr. 23. Ju-		A. Wednesd.

Alshwednesday	Enson August 1	S. Mary Mark trim
Friday before Si-	Lutterworth the 3.	Monday
mon and Jude.	churfd. after twelf-	Marshfield, Oct. 13
eighten, may 1.	day, Holy churfd	Mauditt-bill Jul. 22
Loct. Whit-tuesd	—	Maxfield June 11
ompsster June 29	Machenbleth Jul 15	and 19. nov. 2
Loct. 28	Madrin, march 1	Mayfield may 19
Lenham, Whit sun-	Maiden brackly,	novemb. 2
munday.	sep. 21 nov. 30	Mearworth, aug. 12
Lenham Octob. 21	Maidenhead, nov. 30	Milton monday,
Lenon Novem. 10	Maidstone, febr. 2	aug. 1 Oct. tuesd. af-
Lezford, Novem. 6	may 1 and 9. Jun.	ter twelfs. Whit
Leok Whit. tuesd.	9. Oct 6.	tuesd. day
Lenfield, May 1	Mailing aug. 1 no-	Mertbir, may 3. sept.
Lid July 11.	vemb. 6.	29.
Lin Febr. 2.	Malden march 25	S. Michaels, mund.
Lincoln June 24.	febr. 8 21. and 19	after Michael, Oct.
nov. 17.	Malmsbery mar. 31	14 22
Linsfield, may 1 Ju-	may 10. July 25	Michaeldeham. sept.
ly 25.	Malpas mar. 23 Ju-	29
Enson au. 4. Whit.	ly 25. Decem. 8.	Midhurst, Whit
munday	Malton sept. 24.	tuesd. day
Liverpool, July 25	Manchester nov. 6	Middleton, Whit. m.
Lozber sept. 29.	Whit. mund.	Middlewiche, Oct. 18
London aug. 14.	Mansfield, June 29	Holy Thursday
Longner april 23	Marchenleth, may 1	Midnal sept. 21.
good frid. Whit.	June 18. sept. 29.	Milford, Whit sun
tuesd. day	nov. 15	tuesd. day
Loughburrow aug 1	Margaret, July 20.	Milain, good frid.
nov. 2.	Market deeping, sep.	Montgomery, aug. 29
Leob mar. 1. Jul. 25	29	novemb. 12
3 ^d mund. af. East.	Marlburrow Jun. 29	Monkton sept. 14.
Lowbaddon, Oct. 18.	July 22. aug. 15.	Monmouth, aug. 24.
Ludford, august 1	sept. 21. nov. 11	nov. 11. Whit
Ludlow, June 24	Marlow Oct. 18.	tuesd. day
aug. 10. sept. 29	Marrow, aug. 10	Mounson may 3
nov. 1. and 23.	Marrow novemb. 6	Mounsfreth Jun. 24

Munstril, June 29.	win June 13. sept.	sun tuesday.
N	13	Oundle feb. 14. aug.
Nantwich aug. 24.	Newtown in Lan-	10. whicl. mund.
Narbert novem. 30	cast. may 7. aug. 1.	Oxford may 7. aug.
Nasb Jul. 20 sept.	decemb. 5.	24. friday before
1. Corp. Chri. day	Nonceton may 3.	Simon and Jude.
Newark July 22.	Northalerton aug.	P
Whit. wednesday	24. every wednes-	Pancridge sept. 22
Newberry sept. 29	day from Chri-	Parney July 11
Corp. Christi day	mas to June.	sept. 8
Newburrough Jun.	Northam, aug. 1	Parrington mar. 17
11. aug. 10. sept. 14	Northampton mar.	Pecoles nov. 30
Newcastle mar. 25.	25. apr. 23. aug. 15	Pembroke nov. 6
oct. 18. low mun-	sept. 8 nov. 17. de-	Pemsey June 24
day, holy thursday.	cemb. 8.	Penhad sept. 14
Newcastle in Sm-	Noribless april 2	Penibont nov. 22
lin, Jul. 11. nov. 11	Baker tuesday	Peterborough June
Newcastle upon	Norhop June 26	29. aug. 6. sept. 21
Trent, aug. 1.	Northwich in Che-	Peterfield June 29
Newcastle under	shire July 22. de-	nov. 10.
line, shrove mun.	cemb. 6	Persbore may 31
low mund.	Norwich aug. 24	June 15.
Newin august 15.	Nottingham sept. 21	Perin may 1.
whit. sun eve	Nutley april 23	Perith whicl. tuesd.
Newmarket oct. 28.	good friday	Phillips norton may
Newport sept. 14	O	1.
Palm sund. eve	Ongham mar. 4 apr.	Pinch-back Jul. 15
Newport pannel, lu.	25. aug. 29	Pluckley decemb. 5.
11.	Oceftres may 1. nov.	S. Pombes apr. 23.
Newport pond no-	30.	June 28. good fri.
vemb. 6.	Odehill may 19.	day
Newport in Keams	Okingham June 11	Pombridge may 1.
June 16.	Odiam July 20. 4 th	Pontfract Palm-
Newport in mun-	munday in lent.	funday eve. Tri-
mouth aug. 15.	Onay mar. 25. June	nity eve.
oct. 13. Corp. Chri.	29. East munday.	Ponterly, July 22
Newtown in hedde	Oringstake Whit-	Pent-Stephen, June

29. oct. 8. White.	munday	Dec. 29. tuesday
wednesday.	Rocheſter may 19	after twelf day,
Penibetley may 2	november 30	ſiſth munday in
ſept. 13. oct. 31.	Rocheſter april 2.	lent. White mun-
Preſcot Corp. Chriſti	Eaſter tuesday,	day, tuesday after
Preſton June 22	White. tuesday	Michael.
aug. 15. oct. 23.	Roſing July 22	Sandhar Whiteſun.
and 28. nov. 30	Roſingham ſept. 14	wednesday.
	Raſſe July 25. aug.	Sandwich Eaſter-
	15. ſept. 14. holy	tueſd. munday af-
	thursday, Corpus	ter Bartholomey.
	Chriſti thursday.	Sandhuſt decem. 7.
	Roſheram good fri-	Sandley novemb. 6.
	day	Sandwich nov. 23
	Rowe trinity eve	Saſſar april 23
	Roſton Jun. 28. Ju-	Sawbey nov. 12.
	ly 7. october 12	Stable aug. 10
	december 29. alh	Setborn aug. 1
	wednesday, white-	Setby auguſt 1. ſep-
	ſun wednesday	tember 29
	Ragby aug. 10. nov	Sennot jun. 29 de-
	10	cemb. 6
	Raſford, June 24.	Shaſtbury jun 24.
	Ramſey, aug. 1.	nov. 11
	Raſbin ſept. 20. oct.	Shefford July 7. ſep-
	31. friday aft. ho-	temb. 29
	ly thursday.	Sherborn auguſt 10
	Rye hil. white. mun.	Shiffnal Jul. 25. no-
	S	vemb. 10.
	Sabridgworth april	Shipſton July 11
	23. october 9	Shrewsbury Jun. 22
	Saffron-walden Ju-	aug. 2. ſeptem. 23.
	ly 25. october 20	wednesday and
	4 th mund. in lent.	holy thursday
	Salford nov. 6. white	Sillo may 1.
	ſun munday	Shiningbourn ſept.
	Saſſary Jan. 6	29. White. mund.
		Shipſton

Ston upon Gra-	Stappert, holy thurs-	cest. mar. 18. aug.
July 25. nov.	day	28
11. Palm Sunday	Starford, see bishop	Sudbury march 12
eve. Saturday in	Starford	29. aug. 24. fish
Easter week. whit-	Starstrange	mund. in lent
sun eve. Trinicie	29	Sudminster man-
eve.	Stevenage July 17	day thursd. holy
Stipton upon Stow	Stocknayland, may 1	thursd.
June 11	Stockworib June 29	Swansey Jul. 2. au-
Staeord Whitsun-	Stokechser Whic-	gust 15. october
munday.	munday	2.
Smalting sept. 14.	Stoksbury July 22.	Sweeton July 7
Smeth July 2. sep-	Stokesley octob. 21.	
tember 8.	and 31. and Tri-	
Snide sept. 8.	nity mund.	
Southam June 29	Stone July 15	Talisarngreen aug.
Soubcave Trinicie	Stony Stratford Ju-	28. october 28
munday	ly 22.	Tanworth april 23
Southwark sept. 8	Stopporth oct. 13	october 23. alle-
Spaford march 12	Stopporth Corpus	wedns.
Spalding nov. 17	Christ.	Tenby Jul. 20. sep-
dec. 6.	Stow the old may 1	temb 8.
Spilsby, Trinicie	Stow in Gwelling-	Tenbury July 7
munday.	Whitsun friday	Tenterden april 26
Stabford april 22	Stow in Lincoln-	Tisbury July 22
Stackpoole, July 25	shire, august 15	Tewksbury febr. 24
Stafford, febr. 6	sept. 29	July 22. august
June 29. July 30	Stow-green Jun. 17	24.
Stratford, febr. 26	Straight, stock June	Thaxted august 1
mar. 12. July 25	24	munday after bo-
oct. 24. fourth	Stratford sept. 21	ly thursd.
munday in lent,	Stratford upon Aves-	Thembles green, Jul.
Corpus Christi day	may 7. sept. 14	25
and munday af-	Stroud aug. 15	Thetford may 3
ter	Strugbridge by Cam-	Thickham July 25
Stanton octob. 13	bridg sept. 8	Thirsk oct. 18
Stansted may 1	Strugbridge in Wor-	Thrapston July 25
		Thun?

T hundersey may 7	W	Westnsm sept. 8
august 4	Wakefield June 24	Wetherby Jul. 25
Tidvile may 3	aug. 15. septem. 8	Westbad novem. 6.
Tilbury July 25	october 31. no-	Weyden aug. 10
Tippery July 26	vemb. 30.	Weymer sept. 29
Tisdale oct. 18.	Walden febr. 24.	Wey-hill, sept. 29
Toucester aug. 10	Walsbam Abby	Whitchurch oct. 23.
Tottingham septem.	may 3. aug. 10	Whitson-mund.
29.	sept. 14	Whistland febr. 2.
Tragarron febr. 8.	Walsbam on the	mar. 25. aug. 15
mar. 8	woulds sept. 8	sept. 8. decemb. 8.
Treshenimicha Jul 7	Walton aug. 10	Wigbam oct. 18. ho-
Trigney nov. 6	Wallingford apr. 5.	ly thursd.
Tringe June 29	Ware sept. 7	Wigmore Jul. 25
Trowbridge Jul. 25	Warrington July 5	Wilson April 23
Tunbridge Jul 24	novemb. 30	Oct. 28.
oct. 18. alhwedn	Warwick may 1.	Winchester first
Trin. munday	octob. 28	mund. in Lent
Tuddington aug. 24	Wasford august 24	Winchcomb apr. 25
september 29 no-	Trinity munday	Windfor July 24.
vemb. 23	Welsbpool may 15	Oct. 13
Tatbury aug. 15	aug. 28 nov. 5	Winston aug. 10
decemb. 1.	Wellingburrew oct.	Witheral, July 22
Tunford may 1 sep.	18. East. wednes.	sept. 21
12.	Wellington nov. 6.	Whitgrig Jul. 22
V	nov. 15.	nov. 11
Versly sept. 15	Wellow may 19	Wisham sept. 29
Wlcester sept. 8	Wem June 29. nov.	Witney June 29
Uphaven Oct. 18	10.	Witchburg aug. 1
Uppingham febr. 24	Wemes sept 29	mund. mar. 25
July 7.	Wendover may 1.	Palm eve, Whit.
Upton June 29	sept. 21.	eve.
Uske, may 1. Trin.	Wenlock June 24	Woolburn, march 12
munday	Westbury whit. m.	July 2
Wroxeter april 25	Westchester June	Woodbury hill sep. 7
Wunbridge July 20	24. sept. 29	Woodham ferry sep.
sept. 29	Westminst. Jung 29	semb. 29

West:

Woodhurst June 29.	münd. 0 0 0	Tara Jul. 22
Woodstock march 25. Jul. 20. sep-temb. 21. Decem-ber 6	Worham apr. 23.	holy thursd.
Woolpit sept. 12.	Wormester June 24	Telland aug. 1.
Woolverhampton Jul. 29	aug. 10. oct. 28.	Tminith aug. 15.
Woodwind. bedg.	Worsworth may 1	Tork June 24. and
sept. 14	sept. 12	29. august 1. o-
Worcester Palm	Wrexham mar. 12.	ctober 18. novem-
	Wrinkley oct. 18	ber 2. and novem-
	Wye march 13	ber 11.
	Y	Tstradmerick June
	Tadlam Jul'y 21	31

A way to know the time of the day by the length of ones shadow.

The knowledg of the true hour of the day, that so we may know how our time passeth, is much desired by all men; and this is endeavoured to be attained, by clocks, watches, and glasses, for all times: by Sundials and many Geometrical Instruments for the day time, when the Sun shineth. I might here shew the way to make and use some of them; but considering this would be too great a trouble to some, and too great a charge to others; I shall by this following table make this conclusion easie to the meanest capacities, without much trouble, or further cost.

	XII	XI	X	half	IX	half	VIII	half	VII	half
Morning	XII	XI	X	half	IX	half	VIII	half	VII	half
Afternoon	XII	XI	X	half	IX	half	VIII	half	VII	half

A Table shewing the hour of the day by the shadow of ones bodie, &c.

Tableaux the hour of the day by the shadow of our bodies, &c.

The intent of this Table is to shew you the true time of the day, by the length of the shadow of your body. For you may see daily, that as the Sun rises higher and higher in the morning, so your shadow grows shorter and shorter; and as the Sun grows lower in the afternoon, so your shadow grows longer. Therefore there be any convenient way found out, for the measuring of your shadow, the height of the Sun may thereby be known well enough for this purpose, and so the true time of the day. Now to this purpose, in some former yeares, I set forth a Table shewing how to find the hour of the day, by measuring your shadow by your feet; but this I found somewhat troublesome, when the shadow was any thing long. And therefore now I have thought that this shadow might more easily be measured by strides or paces: I mean, not orditary steps, but strides, such as any man may very well take, without much straining of himself; and two such strides, will be equall to the height of any mans body, as by a little practise you may prove, and make your self more perfect therein.

But yet because the shadow will not always end in a just number of strides, but sometimes there may be a quarter, or an half, or three quarters of a stride more, which when the shadow is short is very considerable, I have therefore for the more exactness, supposed each stride to be divided into an hundred parts: so that you may reckon 25 of those parts, which is a quarter of an hundred, for a quarter of a stride; 50 parts which is half an hundred, for half a stride; and 75 parts, or 3 quarters of an hundred, for three quarters of a stride.

quarters of a stride ; and those that will be more exact, the Table will easily guide them. Note, that though the Table is printed in two parts or pages, yet you must suppose them to be joined both together as one.

Now the use of this Table is thus, being in any level place, stand upright, and mark how far from you the shadow of your body doth reach upon the ground : then try how many strides or parts it is long. Then knowing what day of the month it is, find that, or the nearest to it, in one of the two first columns of the Table, and look straight along in that line, till you meet with the number of your measure, or the nearest to it, that you can find in that line; then mark well in what column of the Table this number stands, and at the top or bottom of that column, you shall find the true hour of the day.

For example, Suppose that on the 10 of May, or 12 of July, you find the shadow of your body to be three of your strides long. First, you shall finde the said 10 of May, or 12 of July, in the 4th line of the first part of the Table, then look along in that line till you can find the number of your measure, which is 3 strides ; this number you cannot find exactly in that line, but in the 9th column you find 3 strides, 9 parts, which is very near it : and then looking up to the top of this column, I find there VIII. IIII. which shewes that it is either 8 of the clock in the morning, or four in the afternoon.

Note if there be much difference between your measure, and the numbers in the Table, so that your measure falls between two of the columns, but agrees well with neither, you may conclude that

Another way to know the time of the day
by any short stick.

Now because this experiment by the shadow
of any body is fittest to be tried in the open
fields, and many times cannot be performed
in the house within doors, where many times
there is as much need, therefore if you take any
little short stick, or straw, and measuring it by
your hands or fingers, make it nine or eight
times, or eight thumbs breadth long, then hold
it upright upon a table, or floor of the house,
and measuring the length of the shadow there-
of, and according to every sticks length find
the hour, and for every of the said eight parts
thereof, a quarter of a fcribe, the table will
show you the true time of the day as before.

A most exact way to know the time of the
day by this Table.

Lastly, if any more curious and skilful per-
son shall divide any short stick or ruler, or
measuring staff, into two equal parts, and
divide each into an hundred: by the shad-
ows and angles thereof, he may know the time
of the day as exactly as by most Geometrical
instruments used for this purpose.

The last year before there was great gazing, and different opi-
nions about the appearing of the Stars: I believe some might
say, and so there will be in this. *Venus*, will certainly be seen in
the South, and perhaps *Mars*, in the N. W. or some of the stars
of the North. If any such appearance happen it will
be worth the while to observe the distance of some of these from
the Sun, and so receive the place of the fixed accom-
panying examples, but better then ever Eyes could

FI N I S.